

DEC 29 2004



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**FACSIMILE TRANSMISSION COVER SHEET**

Date: December 29, 2004

To: United States Patent and Trademark Office  
Examiner: Gurley, Lynne Ann; Art Unit: 2812

Fax: (703) 872-9306

Re: **Application Serial No.: 10/626,371**  
Filing Date: 7/23/2003; First Named Inventor: Lopatin  
Attorney Docket No.: 0180204D

From: Farjami & Farjami LLP

Number of pages including the cover sheet: 16

Message:

Enclosed please find the Amendment and Response to the Non-Final Office Action dated December 10, 2004 and four (4) Terminal Disclaimers. Payment for the Terminal Disclaimers Filing Fee in the total amount of \$520.00 is hereby enclosed on four sheets of Form PTO-2038.

Thank you.

The documents accompanying this facsimile contain PRIVILEGED AND CONFIDENTIAL information intended only for use of the individual or entity named above. If you are not the intended recipient, disclosure, copying, distribution or use of the contents of this facsimile information is prohibited. If you have received this facsimile in error, please immediately notify us by telephone and return the original facsimile to us at the above address via U.S. Postal Service. We will reimburse you for all expenses incurred.

DEC 29 2004

Attorney Docket No.: 0180204D

## AMENDMENT COVER SHEET

IN RE APPLICATION OF: Lopatin, et al.SERIAL NO.: 10/626,371 FILED: 07/23/2003FOR: Semiconductor Device Having Copper Lines with Reduced Electromigration Using an Electroplated Interim Copper-Zinc Alloy Thin Film on a Copper SurfaceHONORABLE COMMISSIONER FOR PATENTS  
P.O. Box 1450, Alexandria, VA 22313-1450

Sir/Madam:

Transmitted herewith is a paper in the above-identified application. Any necessary extension of time period set for this paper is hereby requested.

No additional fee is required.

The fee has been calculated as shown below:

<input type="checkbox"/> EXTENSION FEE	RATE Non-Small Entity	RATE Small-Entity	Fee
FIRST MONTH AFTER TIME PERIOD SET	120.00	60.00	\$
SECOND MONTH AFTER TIME PERIOD SET	450.00	225.00	\$
THIRD MONTH AFTER TIME PERIOD SET	1,020.00	510.00	\$
FOURTH MONTH AFTER TIME PERIOD SET	1,590.00	795.00	\$

TOTAL EXTENSION FEE \$ 0.00

FEE FOR EXTRA CLAIMS added by Amendment in this response:

	Column 1	Column 2	Column 3			
	Number of Claims after Amendment	Number Previously Paid for	Number of Extra Claims	RATE Non-Small Entity	RATE Small Entity	Fee
TOTAL CLAIMS	20	MINUS **20	* = 0	x 50	x 25	\$
INDEPENDENT	3	MINUS ***3	* = 0	x 200	x 100	\$
First presentation of multiple dependent claim				+ 360	+ 180	\$

TOTAL FEE FOR EXTRA CLAIMS \$ 0.00

\* If the entry in Column 1 is less than the entry of Column 2, write "0" in Column 3.  
 \*\* If the number of Total Claims previously paid for is less than 20, write "20" in this space.  
 \*\*\* If the number of Independent Claims previously paid for is less than 3, write "3" in this space.

Attorney Docket No.: 0180204D

Total fee for Supplemental Information Disclosure Statement \$

Fee for four (4) enclosed terminal disclaimers: \$ 520.00

Enclosed is the total fee of \$ 520.00 (Payment by Credit Card, Form PTO-2038 Enclosed).

Please charge Deposit Account No. 50-0731 in the amount of \$

The Commissioner is hereby authorized to charge payment of any additional fees associated with this communication, or credit any overpayment to Deposit Account No. 50-0731. A duplicate copy of this sheet is enclosed.

Date: 12/29/04

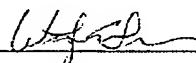
By:

  
Michael Farjami, Reg. No. 38,135CERTIFICATE OF FACSIMILE TRANSMISSION

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12/29/04

Date

LESLEY L. LAM

Name of Person Performing Facsimile Transmission

Michael Farjami, Esq.  
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26522 La Alameda Ave., Suite 360  
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Telephone: (949) 282-1000  
Facsimile: (949) 282-1002

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Signature

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IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

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Zinc Alloy Thin Film on a Copper  
Surface**

Art Unit: 2812

Examiner: Gurley, Lynne Ann

**AMENDMENT AND RESPONSE TO NON-FINAL OFFICE ACTION**

Honorable Commissioner for Patents  
P.O. Box 1450  
Alexandria, VA 22313-1450

Dear Sir/Madam:

This is in response to the Non-Final Office Action dated December 10, 2004 in the above-referenced patent application. Please enter and consider the following amendments and remarks. Four (4) terminal disclaimers are also filed herewith.